08/093,499 08/179,143

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		Docket No. ARIAI	O 317C
nereby certify that this paper is being deposite sstal Service "First Class Mail" on the date in Idressed to the Comm. of Patents and Trade	d with the United States dicated below and is emarks, Washington, DC 20231		· #
gned		~(YPC
DEC	CLARATION AND POWE	R OF ATTORNEY	
helow named inventor, I h	nereby declare that:		
	es and citizenship are as sta	ited below next to my name	2.
My residence, post office addre believe I am an original, first patent is sought on the inventi	and joint inventor of the su on entitled "REGULATED	abject matter which is clain APOPTOSIS" the specificat	ned and for which a ion of which
is attached hereto	8, 1994 as Application Seria	l No. 08/292,597.	
I hereby state that I have revi	ewed and understand the ded by any amendment refe	contents of the above-iden rred to above.	
I acknowledge the duty to disapplication in accordance with I hereby claim foreign priority or inventor's certificate listed or inventor's certificate having claimed:	y benefits under Title 35, U I below and have also iden ng a filing date before that	SC 119 of any foreign appl	ication(s) for patent oplication for patent th priority is
Prior Foreign Application(s)		, pulsa	Priority Claimed
Number	Country	Date Filed	
PCT/US94/01617 PCTUS94/08008	All designated All designated	<u>2/14/94</u> <u>7/18/94</u>	<u>Yes</u> <u>Yes</u>
I hereby claim the benefit usinsofar as the subject matter. States application in the matter duty to disclose materials occurred between the	anner provided by the first all information as defined in the filing date of the prior ap	paragraph of Title 35, 030	Population 1.56(a)
filing date of this applicate Appln. Ser. No.	Filing Date	Status	•

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David L. Berstein, Reg. No. 31,235 ARIAD Pharmaceuticals, Inc. 26 Landsdowne Street Cambridge, Massachusetts 02139 617-494-0400 Ext. 266

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or with the knowledge that willful false statements and the United States Code and that such willful imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful imprisonments may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor Residence Citizenship Full name of second inventor Inventor's signature Full name of second inventor Inventor's signature Full name of third inventor Citizenship Full name of third inventor Full name of third inventor Inventor's signature Full name of third inventor Full name of third inventor Inventor's signature Full name of third inventor Inventor's signature Inventor'
Inventor's signature Residence Harvard University, Dept. of Chemistry, 12 Oxford Street, Cambridge, MA 02138 Citizenship USA David M. Spencer Full name of third inventor Date 115 Foot Edith Avenue, Los Altos, CA 94022
Full name of third inventor David M. Spencer Date 10-25-94 Inventor's signature 15 Fast Edith Avenue, Los Altos, CA 94022 2
Residence USA 345 ARBOLKOA OR 91021
Full name of third inventor Thomas J. Wandless Date 3/ X 9 9 Inventor's signature Date 1.
Full name of third inventor Peter Belshaw Date 1/-2-94

Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number <u>08/292,597</u>.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

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Check one: X no such applications have been filed. __ such applications have been filed as follows

(Application Serial No.)	(Filing Date)	(Status)
08/179,748 (Application Serial No.)	07 January 1994 (Filing Date)	_ABANDONED (Status)
08/093,499 (Application Serial No.)	16 July 1993 (Filing Date)	_ABANDONED (Status)
08/092,977 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/017.931 (Application Serial No.)	12 February 1993 (Filing Date)	_ABANDONED_ (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Charles H. Cella Reg. No. 38,099 John C. Gorecki Reg. No. 38,741 Edward J. Kelly Reg. No. 38,936 Rayoko Blodgett-Ford Reg. No. 40,516 Anita Varma Reg. No. P-43,221

Send Correspondence to:

Patent Group

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

6 - 1 - or Fest inventor	
Full name of sole or first inventor	2010
Gerald Crabtree	Date
Inventor's signature	
Residence CA 94602	
7 Durham Road, Woodside, CA 94602	
Citizenship	
USA as 4: Compt)	·
Post Office Address (if different)	
Full name of second inventor	
Stuart Schreiber	Date
Stuart Boile	

Full name of second inventor	
Full name of scoole nevertee	Date
Stuart Schreiber	Daw
Inventor's signature	
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
AZIT	
Post Office Address (if different)	

Full name of third inventor	
David Spencer	Date
Inventor's signature	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	
Citizenship	
AZIT	
Post Office Address (if different)	

Full name of fourth inventor	Date
Thomas Wandless Inventor's signature	Daw
Residence 334 Grant Avenue, Palo Alto, CA 94306	
Citizenship	
USA Post Office Address (if different)	
Post Office 115	

Full name of fifth inventor Peter Belshaw Inventor's signature	Date 2/17/98
Residence 41 Lewis Street #1, Somerville MA 02143	
Citizenship USA CANADA POR Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Isabelle M. Clauss is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Foley, Hoag & Eliot, LLP, law firm to prepare and prosecute patent applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law firm, applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law and wherein a registered practitioner who is a member of the Foley, Hoag & Eliot, LLP, law firm is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Isabelle M. Clauss ceases to lawfully reside in the United States, (ii) Isabelle M. Clauss' employment with Foley, Hoag & Eliot, LLP, law firm ceases or is terminated, or (iii) Isabelle M. Clauss ceases to remain or reside in the United States on a H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

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Karen L. Bovard, Director

Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number <u>08/292,597</u>.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

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PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one: X no such applications have been filed. __ such applications have been filed as follows EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority C Under 35	Claimed USC 119
			_Yes	No _
			_Yes	No _
			_Yes	No _

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 or §119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

08/196,043 (Application Serial No.)	11 February 1994 (Filing Date)	ALLOWED (Status)
08/170 143	07 January 1994	ABANDONED

(Application Serial No.)	(Filing Date)	(Status)
08/179.748 (Application Serial No.)	07 January 1994 (Filing Date)	ABANDONED (Status)
08/093,499 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/092,977 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/017.931 (Application Serial No.)	12 February 1993 (Filing Date)	ABANDONED (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Donald W. Muirhead Beth E. Arnold Matthew P. Vincent Isabelle M. Clauss	Reg. No. 35,430 Reg. No. 36,709 Reg. No. (see attached)	Charles H. Cella John C. Gorecki Edward J. Kelly Sayoko Blodgett-Ford Anita Varma	Reg. No. 38,099 Reg. No. 38,741 Reg. No. 38,936 Reg. No. 40,516 Reg. No. P-43,221
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Send Correspondence to:

Patent Group

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

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Full name of sole or first inventor Gerald Crabtree	Date
Inventor's signature	
Residence 7 Durham Road, Woodside, CA 94602 Citizenship USA Post Office Address (if different)	
Full name of second inventor	Date

1 :ontor	
Full name of second inventor	
Stuart Schreiber	Date
Inventor's signature	March 11 1998
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
USA	
Post Office Address (if different)	

Spencer	
David Spencer	Date
nventor's signature	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	
Citizenship	
USA Post Office Address (if different)	

Full name of fourth inventor Thomas Wandless	Date
Inventor's signature	
Residence 334 Grant Avenue, Palo Alto, CA 94306	
Citizenship USA Post Office Address (if different)	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

EARLIEST FOR (6 MON	THS FOR DESIGN) PRI Application Number	OR TO THIS U.S. A Date of Filing (month,day,year)	Priority C Under 35	laimed USC 119
Country		(monay-s),)	_Yes	No _
			_Yes	No _
			_Yes	No _
				MONTHS

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genunca noto	11 February 1994	<u>ALLOWED</u> (Status)
08/196,043 (Application Serial No.)	(Filing Date)	,
08/179,143	07 January 1994	ABANDONED
VOLLIZAR		

Full name of fifth inventor Peter Belshaw	
Inventor's signature	Date
Residence 41 Lewis Street #1, Somerville MA 02143	
Citizenship USA	
Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington D.C. 20231

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Expires: April 16, 1998

Karen L. Bovard, Director

Attorney's Docket Number: <u>APV-317.03</u> (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

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EARLIEST FOR (6 MON Country	THS FOR DESIGN) PRI Application Number	OR TO THIS U.S. A Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
Country		(montage=);;	_Yes No _
			_Yes No _
			_Yes No _
	·		

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION]
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(Application Serial No.) 08/179.143	07 January 1994	ABANDONED

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Ent inventor	
Full name of sole or first inventor Gerald Crabtree	Date
Gerald Crabuce Inventor's signature	
Residence 7 Durham Road, Woodside, CA 94602	
Citizenship	
USA Post Office Address (if different)	
Post Office Address (if the	
Careed inventor	
Full name of second inventor Stuart Schreiber	Date
Inventor's signature	
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
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TTC A	
TTC A	
USA Post Office Address (if different)	
Post Office Address (if different) Early name of third inventor	Dote
Post Office Address (if different) Early name of third inventor	Date 1 - 1 e s
Post Office Address (if different) Test name of third inventor	Date 2/(3/98
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Quality 198	Date 2/(3/98
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Lizia	Date 2/(3/98
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Lizia	Date 2/(3/98
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	Date 2/(3/98
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Lizia	Date 2/(3/98
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	Date 2/(3/98
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Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	Date 2/(3/98
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Full name of fifth inventor	Data
Peter Belshaw	Date
Inventor's signature	
Residence 41 Lewis Street #1, Somerville MA 02143	
Citizenship	
AZIT	
Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRACEMARKS Washington, D.C. 20231

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Isabelle M. Clauss is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Foley, Hoag & Eliot, LLP, law firm to prepare and prosecute patent applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law firm, and wherein a registered practitioner who is a member of the Foley, Hoag & Eliot, LLP, law firm is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Isabelle M. Clauss ceases to lawfully reside in the United States, (ii) Isabelle M. Clauss' employment with Foley, Hoag & Eliot, LLP, law firm ceases or is terminated, or (iii) Isabelle M. Clauss ceases to remain or reside in the United States on a H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

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Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number 08/292,597.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application. and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one: X no such applications have been filed.

__ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

(6 MONTH	GN APPLICATION (S FOR DESIGN) PRI Application Number	OR TO THIS U.S. Al Date of Filing (month,day,year)	PPLICATION Priority Cluder 35	laimed USC 119
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			_Yes	No _
			_Yes	No _
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ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION]
	_
* * * *	

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 or §119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier United States application, if any, described below, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States more than one year prior to said earlier application, that the said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months prior to said application and that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein. AT T OWNER

identified nereni.	1004	ALLOWED
08/196,043	11 February 1994 (Filing Date)	(Status)
(Application Serial No.)	•	ABANDONED
•	<u>07 January 1994</u>	
08/179.143		

(Application Serial No.)	(Filing Date)	(Status)
08/179.748 (Application Serial No.) 08/093.499 (Application Serial No.) 08/092.977 (Application Serial No.) 08/017.931 (Application Serial No.)	O7 January 1994 (Filing Date) 16 July 1993 (Filing Date) 16 July 1993 (Filing Date) 12 February 1993 (Filing Date)	ABANDONED (Status) ABANDONED (Status) ABANDONED (Status) ABANDONED (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to:

Patent Group

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are. punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	
Gerald Crabtree	Date .
nventor's signature	
Residence 7 Durham Road, Woodside, CA 94602	
Citizenship	
USA Post Office Address (if different)	
Post Office Address (==	
Full name of second inventor	
Stuart Schreiber	Date
Inventor's signature	
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
TICA	
Post Office Address (if different)	
Full name of third inventor David Spencer	Date
Inventor's signature	
Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	
Citizenship	
YICA	·
Post Office Address (if different)	
Full name of fourth inventor	
Thomas Wandless	Date 1a II 1998
Inventor's signature	
Residence 334 Grant Avenue, Palo Alto, CA 94306	
Citizenship	
USA Post Office Address (if different)	

Full name of fifth inventor Peter Belshaw	Date
Inventor's signature	
Residence 41 Lewis Street #1, Somerville MA 02143	
Citizenship USA A description of different)	
Post Office Address (if different)	



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

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Expires: April 16, 1998

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Karen L. Bovard, Director

Attorney's Docket Number: APV-317.03 (Formerly ARIAD 317C)

Declaration, Petition and Power of Attorney For Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REGULATED APOPTOSIS

the specification of which was filed in the U.S. Patent and Trademark Office on: August 18, 1994, as U.S. Serial Number <u>08/292,597</u>.

I do not know and do not believe that the subject matter of this application was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an issued inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months prior to the date of this application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

Check one: X no such applications have been filed. __ such applications have been filed as follows

(Application Serial No.)	(Filing Date)	(Status)
08/179.748 (Application Serial No.)	07 January 1994 (Filing Date)	ABANDONED (Status)
08/093.499 (Application Serial No.)	16 July 1993 (Filing Date)	_ABANDONED (Status)
08/092,977 (Application Serial No.)	16 July 1993 (Filing Date)	ABANDONED (Status)
08/017.931 (Application Serial No.)	12 February 1993 (Filing Date)	ABANDONED (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Patent Group Send Correspondence to:

Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109

Direct Telephone Calls to: Matthew P. Vincent, Ph.D. (617) 832-1000

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ull name of sole or first inventor erald Crabtree	Date
erald Crabtree nventor's signature Lud Crabtree	2/12/98
Residence Durham Road, Woodside, CA 94602	
Citizenship	
Post Office Address (if different)	
Full name of second inventor	Dete
Stuart Schreiber Inventor's signature	Date
Residence 434 Marlborough Street, Boston, MA 02115	
Citizenship	
TICA	
USA Post Office Address (if different)	
USA Post Office Address (if different)	
USA Post Office Address (if different) Full name of third inventor	Date
USA Post Office Address (if different)	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless	Date
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor	
Post Office Address (if different) Full name of third inventor David Spencer Inventor's signature Residence 7171 Buffalo Speedway #1436, Houston, TX 77025 Citizenship USA Post Office Address (if different) Full name of fourth inventor Thomas Wandless	

Full name of fifth inventor Peter Belshaw	Date
Inventor's signature	
Residence 41 Lewis Street #1, Somerville MA 02143 Citizenship	
USA Post Office Address (if different)	





LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Isabelle M. Clauss is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Foley, Hoag & Eliot, LLP, law firm to prepare and prosecute patent applications, wherein the applicants are clients of the Foley, Hoag & Eliot, LLP, law firm, and wherein a registered practitioner who is a member of the Foley, Hoag & Eliot, LLP, law firm is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Isabelle M. Clauss ceases to lawfully reside in the United States, (ii) Isabelle M. Clauss' employment with Foley, Hoag & Eliot, LLP, law firm ceases or is terminated, or (iii) Isabelle M. Clauss ceases to remain or reside in the United States on a H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: April 16, 1998

Karen L. Bovard, Director



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY

President and Fellows of Harvard College, the Assignee of certain rights, titles and interest in the patent applications listed below by virtue of Assignment documents of record in the Patent Office, hereby revokes all previous powers of attorney with respect to these patent applications heretofore granted and appoints the following attorneys with full power of substitution and revocation to prosecute applications and transact all business in the U.S. Patent and Trademark Office connected therewith:

granted and appoints the	ct all business in the U.	S. Patent and Transaction Charles H. Colla	Reg. No. 38,099
Donald W. Mnirhoad	Reg. No. 35,430 Reg. No. 35,430	Iohn C. Gorecki Edward J. Kelly Blodgett-Ford	Reg. No. 38,471 Reg. No. 38,936 Reg. No. P-40516
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all of the Patent Group of Foley, Hoag & Eliot IIP at One Post Office Square, Boston, MA 02109.

OI MIG I man		ey, Hoag & Eliot HF ar Old Tour	FILING DATE	DOCKET NO.
APPLICANT	Serial No.	TITLE REGULATED APOPTOSIS	18 August 1994	APV317.03 (formerly ARIAD
Gerald	08/292,597	REGULATED		3170)
Crabirco et al.		REGULATED TRANSCRIPTION OF	11 February 1994	APV316.04 (formerly ARIAD
Creation et al.	08/196,043	REGULATED TRAINS AND OTHER TARGETED GENES AND OTHER		316C)
	PIOLOGICAL BYENIA	14 February 1995	APV316.05 (formorly ARIAD	
Gerald.	08/388,653	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER		31@)
Crabtroc et al.	1	RIGIOGICALEVELLE	7 June 1995	APV316.07 (formerly ARIAD
	08/478,386	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER		316D-DV)
Gerald Crabtree et al		BIOLOGICAL EVENTS		is Revocation and

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee. The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/196,043 (ABV516,04).

ार्थिक विकास सम्बद्धाः सम्

Hoyce Brinton

PRINT OR TYPE NAME OF PERSON SIGNING

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY

Sic

Board of Trustees of the Leland Stanford Junior University, the Assignee of certain rights. titles and interest in the patent applications listed below by virtue of Assignment documents of record in the Patent Office, hereby revokes all previous powers of attorney with respect to these patent applications heretofore granted and appoints the following attorneys with full power of substitution and revocation to prosecute applications and transact all business in the U.S. Patent and Trademark Office connected therewith:

Donald W. Muirhead	Reg. No. 33,978	Charles H. Cella	Reg. No. 38,099
Beth E. Amold	Reg. No. 35,430	John C. Gorecki	Reg. No. 38,471
Matthew P. Vincent	Reg. No. 36,709	Edward J. Kelly	Reg. No. 38,936
	•	Savoko Blodgett-Ford	Reg. No. P-40516

all of the Patent Group of Foley, Hoag & Eliot LLP at One Post Office Square, Boston, MA 02109.

APPLICANT	SERIAL NO.	Title	FILING DATE	DOCKET No.
Gerald Crabtree et al.	08/292,597	REGULATED APOPTOSIS	18 August 1994	APV317.03 (formerly ARIAD 317C)
Gerald Crabtree et al.	08/196,043	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER BIOLOGICAL EVENTS	11 February 1994	APV316.04 (formerly ARIAD 316C)
Gerald Crabtree et al.	08/388,653	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER BIOLOGICAL EVENTS	14 February 1995	APV316.05 (formerly ARIAD 316D)
Gerald Crabtree et al.	08/478,386	REGULATED TRANSCRIPTION OF TARGETED GENES AND OTHER BIOLOGICAL EVENTS	7 June 1995	APV316.07 (formerly ARIAD 316D-DV)

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee. The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/196,043 (APV316.04),

uly 16,1997

PRINT OR TYPE NAME OF PERSON SIGNING

DIRECTOR TECHNOLOGY LICENSIN

TITLE

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App	licant:		erald R. Clai	buee erea			_	
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II	hereby dec	com iden	tified above	with regard	to the inver	M Spencer,	Thomas J. W	landless and Peter
be Di	usiness con	Cerald R.	Crabtree, Stu	uart L. Schre	iber, David	NZ OF		Vandless and Peter
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	If the right	s held by	the above-io	ohts to the i	nvention is	listed below	and no ngre	ess concern under 37
hi.	concern or	organizati	on naving 1	e inventor w	ho could no	t quality as a	occ concern u	nder 37 CFR 1.9(d) or
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	CFR 1.9(d)	or by any	concern with tion under 32	7 CFR 1.9(e)				nder 37 CFR 1.9(d) or
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	Name		Presider Ouincy Street	Cambridge	Massachu	setts 02138		
	Address	170	Juincy Street	Cantorios	[X] No	onprofit Orga	mization	
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•	longer a	ppropriate	(0	-0 -000	(A denceme sunder 37 CFR 1.10
	Europe Ma	il Label	EF0752	3-4 9-13	ited States Posta	Service "Express	Mail Post Office to orton, DC 20231.	Adressee" under 37 CFR 1.10
	I hereby cer	tify that this p	aper is being depo	ed to the Comm. o	of Patents and To	ademarks, wasnu	Mail Post Office to ngton, DC 20231.	16.1994
	on the date	indicated abo	II Da	ckiin -		Date	-Dynasi	L/
	Signed	بالللاليل		Oharra-				
	*	\sim						



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or with the knowledge that willful false statements and the like so made are punishable by fine or with the knowledge that willful false statements and the United States Code, and that such willful imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

_	David L. Berstein	
Name	Vice President, Chief Patent Counsel ARIAD Pharmaceuticals, Inc., 26 Landsdowne	Street Cambridge, MA 02139
Title	Vice Fresharms outicals, Inc., 26 Landsdowne	e Sirect, Canton
Address	ARIAD Pharmacedia	$\chi IR K4$
	Vail 1 Daysleys	Date 2/10/11
Ciat-im	MNA LIBESTURE	
Signature /		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GENERAL REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY OR AUTHORIZATION OF AGENTS

Commissioner for Patents Washington, DC 20231



Dear Sir:

 \mathbf{U}_{i}^{I}

Ariad Pharmaceuticals, Inc., hereby revokes all previous powers of attorney and authorizations of agent previously granted to Foley, Hoag & Eliot.

The following attorneys or agents of the Patent Group at Ropes & Gray, and all other attorneys or agents affiliated with Customer No. 28120, are hereby appointed to prosecute applications and transact all business in the United States Patent and Trademark Office:

I hereby appoint Madeline F. Baer, Reg. No. 36,437; Steven J. Baughman, Reg. No. P-47,414; Johnny Y. Chen, Reg. No. 46,614; Gregory G. Glover, Reg. No. 34,173; William G. Gosz, Reg. No.: 27,787, Patricia Granahan, Reg. No. 32,227; David P. Halstead, Reg. Gregory G. Glover, Reg. No. 34,173; William G. Gosz, Reg. No.: 27,787, Patricia Granahan, Reg. No. 32,227; David P. Halstead, Reg. No. 47,266 Parish Management Parish Reg. No. 36,437; Steven J. Valle, Per. No. 39,036; Polest A. Management Parish Reg. No. 42,857; Saniar No. 44,735; Daniel Hansburg, Reg. No. 36,156; Edward J. Kelly, Reg. No. 38,936; Robert A. Mazzarese, Reg. No. 42,852; Sanjay Sitlani, Reg. No. 47,558; Wolfgang Stutius, Reg. No. 40,256; Matthew P. Vincent, Reg. No. 36,709; as attorneys/agents to prosecute Sitlani, Reg. No. 47,558; Wolfgang Stutus, Keg. No. 40,230, Matthew 1. Vincent, Reg. 110. 35,770 this application and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

Patent Group Ropes & Gray One International Place Boston, MA 02110-2624

The undersigned, whose title is supplied below, is empowered to sign this Revocation Customer No.: 28120 and New Power of Attorney on behalf of the Assignee.

The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/975,040.

Respectfully submitted,

Print or Type Name of Person Signing

SEMAR UP- CHIEF PAYENT COUNSEL